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United States
Department of
Agriculture

Animal and
Plant Health
Inspection
Service

Veterinary
Services

Hyattsville, Md.

Veterinary Biological Products

Licensees
January 1982

APR 8 '82

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INTRODUCTION

This publication contains lists of licensed establishments and licensees with their subsidiaries and divisions as well as a list of the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment by license number.

A numerical listing of licensed establishments by licensee number identifies each licensee, subsidiary, and division authorized to do business in the establishment.

Under the listing of licensed biological products, the principal part of the true names are underlined. Various forms of the product are indicated by modifying phrases, and each form is assigned a code number by Veterinary Services. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The numbering system used for product codes provides for a number to be assigned to each product; i.e., first digit denotes product type; second and third - grouping by agents; fourth - state of product; fifth - menstrum; and sixth - miscellaneous variables.

U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Veterinary Services
6505 Belcrest Road
Hyattsville, Maryland 20782

Issued March 1982

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ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
ACME LABORATORIES, INC.	266
AGRI-BIO CORPORATION	269 269A
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AMBICO, INC.	281
AMERICAN HOME PRODUCTS CORPORATION	112 112A 112B
AMERICAN SCIENTIFIC LABORATORIES	165 165A
AMERICANA LABORATORIES, INC.	188
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ANIMAL HEALTH DIVISION	107
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CUSTOM BIOLOGICS, INC.	272
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DEXTER CORPORATION, THE	245

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
DIAMOND LABORATORIES, INC.	213
DOME DIVISION	270
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EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES, INC.	112 112A 112B
FRANKLIN LABORATORIES, INC.	112 112A 112B
FROMM LABORATORIES, INC.	195 195A
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JACKSON BIOLOGICS, INC.	288
JENSEN-SALSBERY LABORATORIES	107
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MYZON LABORATORIES, INC.	213
NORDEN LABORATORIES	189
PHILIPS ROXANE, INC.	124
PITMAN-MOORE, INC.	264 264A
PROFESSIONAL BIOLOGICAL COMPANY	188

ALPHABETICAL LISTING
 LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
RAGLAND RESEARCH, INC	289
ROLYNN LABORATORIES, INC.	266
SALSBURY LABORATORIES	195A
SALSBURY LABORATORIES, INC.	195
SCHERING CORPORATION	165 165A
SCHERING VETERINARY	165 165A
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STERLING DRUG, INC.	226 226A
STERWIN LABORATORIES, INC.	226 226A
SYNTEX (U.S.A.), INC.	213
SYNTEX AGRIBUSINESS, INC.	213
TAVOLEK, INC.	264 264A
TRANS WORLD LABORATORIES, INC.	213
TRI-BIO LABORATORIES, INC.	275
UNITED ANIMAL SCIENCE, GIBCO DIVISION	245
UNIVERSAL LABORATORIES, INC.	188
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WELLCOME ANIMAL HEALTH DIVISION	107
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WHITMOYER LABORATORIES, INC.	225
WILDLIFE VACCINES, INC.	277
WYETH INTERNATIONAL LIMITED	112 112A 112B
WYETH VETERINARY PRODUCTS, INC.	112 112A 112B

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

MERCK & COMPANY, INC.

3

DIVISIONS:

MERCK CHEMICAL DIVISION
MERCK SHARP & DOHME DIVISION

MAIL: MERCK SHARP & DOHME
DIVISION OF MERCK & CO., INC.
WEST POINT, PA 19486

CUTTER LABORATORIES, INC.

52

DIVISIONS:

BAYVET DIVISION

MAIL: BAYVET DIVISION
CUTTER LABORATORIES, INC.
P. O. BOX 390
SHAWNEE MISSION, KS 66201

BURROUGHS WELLCOME CO.

107

DIVISIONS:

JENSEN-SALSBERY LABORATORIES
WELLCOME VACCINES DIVISION
ANIMAL HEALTH DIVISION
WELLCOME ANIMAL HEALTH DIVISION
COOPER DIVISION

MAIL: WELLCOME ANIMAL HEALTH DIVISION
BURROUGHS WELLCOME CO.
520 WEST 21ST STREET
KANSAS CITY, MO 64108

AMERICAN HOME PRODUCTS CORPORATION

112

SUBSIDIARIES:

WYETH VETERINARY PRODUCTS, INC.
WYETH INTERNATIONAL LIMITED
FRANKLIN LABORATORIES, INC.
FORT DODGE LABORATORIES, INC.

MAIL: FORT DODGE LABORATORIES, INC.
800 FIFTH STREET N.W.
FORT DODGE, IA 50501

AMERICAN HOME PRODUCTS CORPORATION

112A

SUBSIDIARIES:

FORT DODGE LABORATORIES, INC.
FRANKLIN LABORATORIES, INC.
WYETH INTERNATIONAL LIMITED

MAIL: WYETH VETERINARY PRODUCTS, INC.
FRANKLIN LABORATORIES, INC.
P.O. BOX 669
AMARILLO, TX 79105

AMERICAN HOME PRODUCTS CORPORATION

112B

SUBSIDIARIES:

FORT DODGE LABORATORIES, INC.
FRANKLIN LABORATORIES, INC.
WYETH INTERNATIONAL LIMITED
WYETH VETERINARY PRODUCTS, INC.

MAIL: WYETH LABORATORIES, INC.
WASP & BIDDLE STREETS
MARIETTA, PA 17547

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

PHILIPS ROXANE, INC.

124

DIVISIONS:

BIO-CEUTIC LABORATORIES, INC.
ANCHOR LABORATORIES, INC.

MAIL: PHILIPS ROXANE, INC.
2621 NORTH BELT HIGHWAY
ST. JOSEPH, MO 64502

SCHERING CORPORATION

165

SUBSIDIARIES:

BURNS-BIOTEC LABORATORIES, INC.

DIVISIONS:

AMERICAN SCIENTIFIC LABORATORIES
SCHERING VETERINARY
CONTINENTAL ANIMAL HEALTH

MAIL: AMERICAN SCIENTIFIC LABORATORIES
DIV. OF SCHERING CORPORATION
P.O. BOX 7130
MADISON, WI 53707 U.S.A.

SCHERING CORPORATION

165A

SUBSIDIARIES:

BURNS-BIOTEC LABORATORIES, INC.

DIVISIONS:

SCHERING VETERINARY
AMERICAN SCIENTIFIC LABORATORIES
CONTINENTAL ANIMAL HEALTH

MAIL: BURNS-BIOTEC LABORATORIES, INC.
P.O. BOX 3113
OMAHA, NE 68103 U.S.A.

COLORADO SERUM COMPANY

188

SUBSIDIARIES:

AMERICANA LABORATORIES, INC.
CONTINENTAL PHARMACAL COMPANY
DENVER COLORADO LABORATORIES, INC.
EMPIRE VETERINARY COMPANY
INTERNATIONAL, INC.
METROPOLITAN MEDICAL COMPANY
PROFESSIONAL BIOLOGICAL COMPANY
SCIENTIFIC LABORATORIES, INC.
UNIVERSAL LABORATORIES, INC.

MAIL: COLORADO SERUM COMPANY
4950 YORK STREET
DENVER, CO 80216

SMITHKLINE CORPORATION

189

SUBSIDIARIES:

NORDEN LABORATORIES

DIVISIONS:

SMITHKLINE ANIMAL HEALTH PRODUCTS

MAIL: NORDEN LABORATORIES
P.O. BOX 80809
LINCOLN, NE 68501

SALSBURY LABORATORIES, INC.

195

SUBSIDIARIES:

FROMM LABORATORIES, INC.

MAIL: SALSBURY LABORATORIES
2000 ROCKFORD ROAD
CHARLES CITY, IA 50616

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

SALSBURY LABORATORIES SUBSIDIARIES: FROMM LABORATORIES, INC. MAIL: FROMM LABORATORIES, INC. 703 LAKE SHORE ROAD GRAFTON, WI 53024	195A
DAMON CORPORATION DIVISIONS: VINELAND LABORATORIES, INC. MAIL: VINELAND LABORATORIES, INC. 2285 EAST LANDIS AVENUE VINELAND, NJ 08360	196
SYNTEX (U.S.A.), INC. SUBSIDIARIES: SYNTEX AGRIBUSINESS, INC. DIAMOND LABORATORIES, INC. MYZON LABORATORIES, INC. SOUTHWESTERN LABORATORIES, INC. TRANS WORLD LABORATORIES, INC. MAIL: SYNTEX (U.S.A.), INC. P.O. BOX 863 DES MOINES, IA 50304	213
BEECHAM, INC. SUBSIDIARIES: WHITMOYER LABORATORIES, INC. DIVISIONS: BEECHAM LABORATORIES MAIL: BEECHAM LABORATORIES P.O. BOX 221 WHITE HALL, IL 62092	225
STERLING DRUG, INC. SUBSIDIARIES: STERWIN LABORATORIES, INC. MAIL: STERWIN LABORATORIES, INC. P.O. BOX 537 MILLSBORO, DE 19966	226
STERLING DRUG, INC. SUBSIDIARIES: STERWIN LABORATORIES, INC. MAIL: STERWIN LABORATORIES, INC. P.O. BOX 999 OPELIKA, AL 36801	226A
VACCINES, INC. DIVISIONS: GUARDIAN LABORATORIES VACCINE SPECIALTIES MAIL: VACCINES, INC. P.O. BOX 727 TEMPLE, TX 76501	227

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

MAINE BIOLOGICAL LABORATORIES, INC. SUBSIDIARIES: BIOLOGICS PRODUCTION, INC. MAIL: MAINE BIOLOGICAL LABORATORIES P.O. BOX 255 WATERVILLE, ME 04901	240
CEVA LABORATORIES, INC. MAIL: CEVA LABORATORIES, INC. P.O. BOX 6 BERLIN, MD 21811	243
CEVA LABORATORIES, INC. MAIL: CEVA LABORATORIES 12300 SANTA FE DRIVE LENEXA, KS 66215	243A
DEXTER CORPORATION, THE DIVISIONS: INVENEX VETERINARY LABORATORIES UNITED ANIMAL SCIENCE, GIBCO DIVISION GIBCO DIVISION MAIL: INVENEX VETERINARY LABORATORIES P.O. BOX 37 MIDDLETON, WI 53562	245
EM INDUSTRIES, INCORPORATED DIVISIONS: CENTER LABORATORIES MAIL: CENTER LABORATORIES 35 CHANNEL DRIVE PORT WASHINGTON, NY 11050	259
JOHNSON & JOHNSON SUBSIDIARIES: PITMAN-MOORE, INC. TAVOLEK, INC. MAIL: PITMAN-MOORE, INC. P.O. BOX 344 WASHINGTON CROSSING, NJ 08560	264
JOHNSON & JOHNSON SUBSIDIARIES: PITMAN-MOORE, INC. TAVOLEK, INC. MAIL: TAVOLEK, INC. P.O. BOX 184 TITUSVILLE, NJ 08560	264A
DOUGLAS INDUSTRIES, INC. SUBSIDIARIES: ACME LABORATORIES, INC. DOUGLAS LABORATORIES, INC. DOUGLAS VETERINARY PRODUCTS, INC. ROLYNN LABORATORIES, INC. MAIL: DOUGLAS INDUSTRIES, INC. 8906 ROSEHILL ROAD LENEXA, KS 66215	266

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

LONG ISLAND DUCK RESEARCH COOP., INC. MAIL: LONG ISLAND DUCK RESEARCH COOP. OLD COUNTRY ROAD P.O. BOX 217 EASTPORT, NY 11941	268
AGRI-BIO CORPORATION SUBSIDIARIES: INTERSTATE BIOLOGIC CORP. MAIL: AGRI-BIO CORPORATION P.O. BOX 280 ITHACA, NY 14850	269
AGRI-BIO CORPORATION SUBSIDIARIES: INTERSTATE BIOLOGIC CORP. MAIL: AGRI-BIO CORPORATION GAINESVILLE, GA 30501	269A
MILES LABORATORIES, INC. DIVISIONS: DOME DIVISION MAIL: MILES LABORATORIES, INC. 400 MORGAN LANE WEST HAVEN, CT 06516	270
DEKALB AG RESEARCH, INC. MAIL: DEKALB AG RESEARCH, INC. SYCAMORE ROAD DEKALB, IL 60115	271
BIOLOGICS CORPORATION DIVISIONS: AGRI-MART DIVISION CUSTOM BIOLOGICS, INC. DELLEN LABORATORIES, INC. DURVEI LABORATORIES MAIL: DELLEN LABORATORIES, INC. DIVISION OF BIOLOGICS CORP. 2720 NORTH 84TH STREET OMAHA, NE 68134	272
TRI-BIO LABORATORIES, INC. MAIL: TRI-BIO LABORATORIES, INC. 1400 FOX HILL ROAD STATE COLLEGE, PA 16801	275
WILDLIFE VACCINES, INC. MAIL: WILDLIFE VACCINES, INC. 11475 W. 48TH AVENUE WHEAT RIDGE, CO 80033	277
DYNASCIENCE CORPORATION DIVISIONS: M.A. BIOPRODUCTS MAIL: M.A. BIOPRODUCTS BUILDING 100, BIGGS FORD ROAD WALKERSVILLE, MD 21793	278

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

<p>SELECT LABORATORIES, INC. MAIL: SELECT LABORATORIES, INC. 1134 AIRPORT PARKWAY, SW. GAINESVILLE, GA 30501</p>	279
<p>KEEVET LABORATORIES MAIL: KEEVET LABORATORIES P.O. BOX 1706 ANNISTON, AL 36202</p>	280
<p>AMBICO, INC. MAIL: AMBICO, INC. ROUTE 2, P.O. BOX M DALLAS CENTER, IA 50063</p>	281
<p>BARRY LABORATORIES, INC. MAIL: BARRY LABORATORIES, INC. 461 NORTHEAST 27TH STREET POMPANO BEACH, FL 33064</p>	283
<p>BIOMED RESEARCH LABORATORIES, INC. MAIL: BIOMED RESEARCH LABORATORIES, INC. 1115 EAST PIKE STREET SEATTLE, WA 98122</p>	285
<p>CONNAUGHT LABORATORIES, INC. DIVISIONS: MAIL: CONNAUGHT ANIMAL HEALTH CONNAUGHT LABORATORIES, INC. SWIFTWATER, PA 18370</p>	287
<p>JACKSON BIOLOGICS, INC. MAIL: JACKSON BIOLOGICS, INC. 1101 WEST 56 HIGHWAY OLATHE, KS 66061</p>	288
<p>RAGLAND RESEARCH, INC MAIL: RAGLAND RESEARCH, INC 119 ROWE ROAD ATHENS, GA 30601</p>	289

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

*** VACCINES AND VIRUSES ***

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
<u>ANAPLASMOSIS VACCINE</u>					
1005.50	KILLED, BOVINE ORIGIN	112			
<u>ANTHRAX SPORE VACCINE</u>					
1011.00	NONENCAPSULATED, LIVE CULTURE	52	107	188	
<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>					
1051.10	LIVE VIRUS, CHICKEN EMBRYO ORIGIN	195	196		
1051.11	LIVE VIRUS, CHICKEN EMBRYO ORIGIN	195 269	196	226	243
1055.10	KILLED VIRUS, CHICKEN EMBRYO ORIGIN	240			
<u>AVIAN ENCEPHALOMYELITIS-FOWL POX VACCINE</u>					
10M1.10	LIVE VIRUS, CHICKEN EMBRYO ORIGIN	226	243		
<u>BLUETONGUE VACCINE</u>					
1061.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	188			
<u>BORDETELLA BRONCHISEPTICA VACCINE</u>					
1081.00	AVIRULENT LIVE CULTURE	165A			
<u>BOVINE RHINOTRACHEITIS VACCINE</u>					
1101.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	3 188 264	52 213	107 225	112 243A
1101.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	52	107	225	
1101.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	124	189	272	
<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE</u>					
1121.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	107 225	112 243A	188 264	213

*** VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
1121.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	264
1121.20	MODIFIED LIVE VIRUS,CELL LINE ORIGIN	112 124 189 272
1121.21	MODIFIED LIVE VIRUS,CELL LINE ORIGIN	189
1121.30	MODIFIED LIVE VIRUS,TISSUE CULTURE & CELL LINE ORIGIN	52
1121.31	MODIFIED LIVE VIRUS,TISSUE CULTURE & CELL LINE ORIGIN	52
1125.00	KILLED VIRUS,TISSUE CULTURE ORIGIN	112
1125.20	KILLED VIRUS,CELL LINE ORIGIN	112
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE</u>		
1151.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	112 188 213 243A 264
1151.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	243A
1151.20	MODIFIED LIVE VIRUS,CELL LINE ORIGIN	272
1151.30	MODIFIED LIVE VIRUS,TISSUE CULTURE & CELL LINE ORIGIN	107 124 189
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 1-VACCINE</u>		
1171.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	188 213 243A 264
1171.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	264
1171.20	MODIFIED LIVE VIRUS,CELL LINE ORIGIN	272
1171.30	MODIFIED LIVE VIRUS,CELL LINE & TISSUE CULTURE ORIGIN	124 189
1175.20	KILLED VIRUS,CELL LINE ORIGIN	112
<u>BOVINE ROTIA-CORONAVIRUS VACCINE</u>		
1931.20	MODIFIED LIVE VIRUS,CELL LINE ORIGIN	189
<u>BOVINE VIRUS DIARRHEA VACCINE</u>		
1201.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	112 124 188 189 213 243A 264
1201.20	MODIFIED LIVE VIRUS,CELL LINE ORIGIN	107 272
1205.20	KILLED VIRUS,CELL LINE ORIGIN	112

*** VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
<u>BRONCHITIS VACCINE</u>					
1231.11	MASS TYPE,LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 240	195	196	226
1231.12	MASS TYPE,LIVE VIRUS, CHICKEN EMBRYO ORIGIN	195 243	196	226	240
1231.14	MASS & CONN TYPES,LIVE VIRUS, CHICKEN EMBRYO ORIGIN	243			
1231.17	MASS & CONN TYPES,LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165			
1231.18	MASS TYPE,LIVE VIRUS, CHICKEN EMBRYO ORIGIN	196			
<u>BRUCELLA ABORTUS VACCINE</u>					
1251.00	STRAIN 19,LIVE CULTURE	52	107	188	
1251.01	STRAIN 19,LIVE CULTURE	188			
<u>BURSAL DISEASE VACCINE</u>					
1271.00	LIVE VIRUS,TISSUE CULTURE ORIGIN	196	269	269A	
1271.01	LIVE VIRUS,TISSUE CULTURE ORIGIN	269	269A		
1271.10	LIVE VIRUS,CHICKEN EMBRYO ORIGIN	195	226		
1271.11	MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN	226			
1271.12	LIVE VIRUS,CHICKEN EMBRYO ORIGIN	195			
1275.00	KILLED VIRUS,TISSUE CULTURE ORIGIN	196			
1275.10	KILLED VIRUS,CHICKEN EMBRYO ORIGIN	195	196	240	
<u>BURSAL DISEASE-MAREK'S DISEASE VACCINE</u>					
1288.40	MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS,CHICKEN EMBRYO & TISSUE CULTURE ORIGIN,CELL ASSOCIATED, COMBINATION PACKAGE	226			
1288.41	MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS,CHICKEN EMBRYO & TISSUE CULTURE ORIGIN,CELL FREE, COMBINATION PACKAGE	226			
<u>BURSAL DISEASE-NEWCASTLE DISEASE VACCINE</u>					
1265.10	KILLED VIRUS,CHICKEN EMBRYO ORIGIN	240			

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CANINE DISTEMPOR VACCINE</u>		
1301.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	107 165A 195A 225
1301.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	107
1301.09	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, FERRET VIRULENT	195A
1301.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	107 124 189 264 272
<u>CANINE DISTEMPOR-ADENOVIRUS TYPE 2 VACCINE</u>		
13A1.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	189
<u>CANINE DISTEMPOR-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE</u>		
13C1.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	189
13C1.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	195A
<u>CANINE DISTEMPOR-ADENOVIRUS TYPE 2- PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
1301.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	189
1301.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	195A
1309.00	MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	189
<u>CANINE DISTEMPOR-ADENOVIRUS TYPE 2- PARVOVIRUS VACCINE</u>		
1331.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	195A
<u>CANINE DISTEMPOR-HEPATITIS VACCINE</u>		
1311.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	107 112 165A 195A 225 243A
1311.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	107
1311.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	107 124 189 227 245 264 272

*** VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
1311.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	195A 225
1311.40	MODIFIED LIVE VIRUS, CHICKEN EMBRYO & TISSUE CULTURE ORIGIN	188
1319.20	MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	107
CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE		
1381.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	165A 195A 243A
1381.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	107 124 189 264 272
1381.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	195A 225
1389.20	MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	107
CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE		
1401.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	264
1401.30	MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	264
CANINE DISTEMPER-MEASLES VACCINE		
1351.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	189
CANINE DISTEMPER-MEASLES-PARAINFLUENZA VACCINE		
13N1.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	189
CANINE DISTEMPER-PARAINFLUENZA VACCINE		
1391.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	107
CANINE HEPATITIS VACCINE		
1361.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	195A
1365.20	KILLED VIRUS, CELL LINE ORIGIN	107

*** VACCINES AND VIRUSES

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

CANINE PARAINFLUENZA VACCINE

1421.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	195A
1421.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	195A 264 272

CANINE PARAINFLUENZA-BORDETELLA
BRONCHISEPTICA VACCINE

14M1.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, AVIRULENT LIVE CULTURE	165A
14M1.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, AVIRULENT LIVE CULTURE	124

COCCIDIOSIS VACCINE

1431.50	LIVE OOCYSTS, CHICKEN ORIGIN	226A
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DUCK VIRUS ENTERITIS VACCINE

1461.10	MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN	268
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DUCK VIRUS HEPATITIS VACCINE

1481.10	MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN	268
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ENCEPHALOMYELITIS VACCINE

1475.00	EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE ORIGIN	52 107 112 188
1475.01	EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE ORIGIN	112
1481.00	VENEZUELAN, MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	107
1485.32	EASTERN, VENEZUELAN, KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	107
1485.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	107

EQUINE INFLUENZA VACCINE

*** VACCINES AND VIRUSES ***		*** LICENSE NOS. OF PRODUCERS ***			
CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
1505.10	KILLED VIRUS, CHICKEN EMBRYO ORIGIN	52	112	287	
1505.20	KILLED VIRUS, CELL LINE ORIGIN	52			
<u>EQUINE RHINOPNEUMONITIS VACCINE</u>					
1521.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	124	189		
1525.20	KILLED VIRUS, CELL LINE ORIGIN	112			
<u>ERYSIPLOTHRIX RHUSIOPATHIAE VACCINE</u>					
1541.00	AVIRULENT LIVE CULTURE	52 189	112	124	165A
<u>FELINE PANLEUKOPENIA VACCINE</u>					
1561.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	195A	264		
1561.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, LIQUID	225	264		
1561.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	124	189	195A	272
1561.21	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, LIQUID	124	264	272	
1565.00	KILLED VIRUS, TISSUE CULTURE ORIGIN	107 243A	165A 264	195A	225
1565.20	KILLED VIRUS, CELL LINE ORIGIN	112 272	189	195A	266
<u>FELINE PANLEUKOPENIA-VARIETAS VACCINE</u>					
1575.80	KILLED VIRUS, CELL LINE & MURINE ORIGIN	266			
<u>FELINE PNEUMONITIS VACCINE</u>					
1581.10	MODIFIED LIVE CHLAMYDIA, CHICKEN EMBRYO ORIGIN	195A			
<u>FELINE RHINOTRACHEITIS VACCINE</u>					
16A1.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	195A	225		
16A1.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	264			

*** VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	FELINE RHINOTRACHEITIS-CALICI VACCINE	
16C1.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	195A
16C1.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	124 189 195A 264 272
16C1.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	225
	FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA VACCINE	
16D1.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	195A
16D1.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	124 189 195A
16D1.30	MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN	264
16D5.20	KILLED VIRUS, CELL LINE ORIGIN	112
16D8.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	124 264 272
16D8.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	225 264
16D9.00	MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	195A
16D9.20	MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	195A 272
16D9.30	MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	225 264
	FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA-PNEUMONITIS VACCINE	
16E1.40	MODIFIED LIVE VIRUS & CHLAMYDIA, TISSUE CULTURE & CHICKEN EMBRYO ORIGIN	195A
16E1.A0	MODIFIED LIVE VIRUS & CHLAMYDIA, CELL LINE & CHICKEN EMBRYO ORIGIN	195A
16E8.90	MODIFIED LIVE VIRUS & CHLAMYDIA, TISSUE CULTURE & CELL LINE & CHICKEN EMBRYO ORIGIN, COMBINATION PACKAGE	225
16E9.40	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, TISSUE CULTURE & CHICKEN EMBRYO ORIGIN, COMBINATION PACKAGE	195A

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
16E9.90	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, TISSUE CULTURE & CELL LINE & CHICKEN EMBRYO ORIGIN, COMBINATION PACKAGE	225
16E9.A0	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, CELL LINE & CHICKEN EMBRYO ORIGIN, COMBINATION PACKAGE	195A
<u>FELINE RHINOTRACHEITIS-CALICI-PNEUMONITIS VACCINE</u>		
16F1.40	MODIFIED LIVE VIRUS & CHLAMYDIA, TISSUE CULTURE & CHICKEN EMBRYO ORIGIN	195A
16F1.90	MODIFIED LIVE VIRUS & CHLAMYDIA, TISSUE CULTURE & CELL LINE & CHICKEN EMBRYO ORIGIN	225
16F1.A0	MODIFIED LIVE VIRUS & CHLAMYDIA, CELL LINE & CHICKEN EMBRYO ORIGIN	195A
<u>FELINE RHINOTRACHEITIS-PANLEUKOPENIA VACCINE</u>		
16B8.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	225
16B9.00	MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	225
16B9.30	MODIFIED LIVE & KILLED VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	264
<u>EQWL LARYNGOTRACHEITIS VACCINE</u>		
1601.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	165
1601.10	LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 196 243
1601.11	MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 195 196 226 243
1601.12	LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165
<u>EQWL POX VACCINE</u>		
1621.00	LIVE VIRUS, TISSUE CULTURE ORIGIN	165 196 243 269 269A
1621.01	LIVE VIRUS, TISSUE CULTURE ORIGIN	269 269A
1621.10	LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 195 196 226 243

*** VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1621.11	LIVE VIRUS, CHICKEN EMBRYO ORIGIN	195			
	<u>EQX ENCEPHALITIS VACCINE</u>				
1635.20	KILLED VIRUS, CELL LINE ORIGIN	245			
	<u>MAREK'S DISEASE VACCINE</u>				
1641.00	LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL ASSOCIATED	3 226 271	165 243 275	195 269 279	196 269A
1641.01	LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL FREE	3 226 271	165 243 275	195 269	196 269A
1641.02	LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL FREE, FROZEN	195			
1641.03	LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL ASSOCIATED	3			
1641.04	LIVE TURKEY HERPESVIRUS, TISSUE CULTURE ORIGIN, CELL FREE	3			
	<u>MEASLES VACCINE</u>				
1661.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	124			
	<u>MINK DISTEMPER VACCINE</u>				
1451.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	165 245			
1451.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	165 245			
	<u>MINK ENTERITIS VACCINE</u>				
1685.00	KILLED VIRUS, TISSUE CULTURE ORIGIN	245			
	<u>NEWCASTLE DISEASE VACCINE</u>				
1705.10	KILLED VIRUS, CHICKEN EMBRYO ORIGIN	196 240			
1705.11	KILLED VIRUS, CHICKEN EMBRYO ORIGIN	240			
1711.10	B1 TYPE, B1 STRAIN, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 240	195 243	196	226
1721.10	B1 TYPE, LASOTA STRAIN, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 240	195 243	196	226

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
1721.11	B1 TYPE, LASOTA STRAIN, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	226
1731.10	ROAKIN TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	240

~~NEWCASTLE DISEASE-AVIAN ENCEPHALOMYELITIS VACCINE~~

1745.10	KILLED VIRUS, CHICKEN EMBRYO ORIGIN	240
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~~NEWCASTLE-BRONCHITIS VACCINE~~

1761.10	B1 TYPE, B1 STRAIN, FLORIDA TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	196
1761.11	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 195 196 226 240 243
1761.12	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 195 196 240 243
1761.13	B1 TYPE, B1 STRAIN, CONN TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 195 196 243
1761.14	B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	195 226
1761.15	B1 TYPE, B1 STRAIN, MASS & JMK TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 243
1761.16	B1 TYPE, B1 STRAIN, MASS & JMK TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	226
1761.17	B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 196 243
1761.18	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	196 226
1761.19	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	226 243
1761.1B	B1 TYPE, B1 STRAIN, MASS & FLORIDA TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	196
1761.1E	B1 TYPE, B1 STRAIN, CONN & JMK TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165
1761.1H	B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	279
1761.1J	B1 TYPE, B1 STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	279
1761.1K	B1 TYPE, B1 STRAIN, CONN TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	279
1771.11	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 195 196 240
1771.12	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	195 243

*** VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1771.14	B1 TYPE, LASOTA STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	226 243
1771.17	B1 TYPE, LASOTA STRAIN, MASS & CONN TYPES, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 226 243
1771.18	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	196 226
1771.19	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS, CHICKEN EMBRYO ORIGIN	226 243
<u>OVINE ECTHYMA VACCINE</u>		
1821.00	LIVE VIRUS, TISSUE CULTURE ORIGIN	188
1821.50	LIVE VIRUS, OVINE ORIGIN	52
<u>PARAINFLUENZA 3 VACCINE</u>		
1841.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	107 188
<u>PARVOVIRUS VACCINE</u>		
18M1.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	264
18M1.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	124 189 195A 227 264
18M1.21	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, LIQUID	189
18M5.20	KILLED VIRUS, CELL LINE ORIGIN	189 195A 272
18M5.21	KILLED VIRUS, CELL LINE ORIGIN	189
<u>PASTEURELLA MULTOCIDA VACCINE</u>		
1871.01	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165 195 196 226A 280
1871.02	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165 196
1871.05	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	196
1871.06	AVIRULENT LIVE CULTURE, BOVINE ISOLATES	189
<u>PIGEON POX VACCINE</u>		
1881.10	LIVE VIRUS, CHICKEN EMBRYO ORIGIN	165 196 226 243
1881.11	LIVE VIRUS, CHICKEN EMBRYO ORIGIN, PIGEONS ONLY	196

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>PSEUDORABIES VACCINE</u>		
1891.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	189 264
1895.00	KILLED VIRUS, TISSUE CULTURE ORIGIN	195
1895.20	KILLED VIRUS, CELL LINE ORIGIN	52 189
<u>RABIES VACCINE</u>		
1901.03	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, HIGH CELL PASSAGE, SAD STRAIN	107 124 264
1901.05	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, HIGH CELL PASSAGE, SAD STRAIN	124
1901.11	MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN, LOW EGG PASSAGE, FLURY STRAIN	195A
1901.22	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, HIGH EGG PASSAGE, FLURY STRAIN	189
1901.23	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, HIGH CELL PASSAGE, SAD STRAIN	107
1905.20	KILLED VIRUS, CELL LINE ORIGIN	189 288 225 227 264
1905.51	KILLED VIRUS, MURINE ORIGIN	266
1905.55	KILLED VIRUS, MURINE ORIGIN	266
<u>SENDAI VACCINE</u>		
19M5.10	KILLED VIRUS, CHICKEN EMBRYO ORIGIN	278
<u>SIREPIOCOCCUS GROUP F VACCINE</u>		
1941.00	AVIRULENT LIVE CULTURE	112
<u>INOSYNOVITIS VACCINE</u>		
1951.01	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN	195 196
1951.10	LIVE VIRUS, CHICKEN EMBRYO ORIGIN	226
1951.11	MODIFIED LIVE VIRUS, CHICKEN EMBRYO ORIGIN	195

VACCINES AND VIRUSES

CODEPRODUCT AND FORMLICENSE NOS. OF PRODUCERSTRANSMISSIBLE GASTROENTERITIS VACCINE

1961.00

MODIFIED LIVE VIRUS,
TISSUE CULTURE ORIGIN

213

1961.20

MODIFIED LIVE VIRUS, CELL LINE ORIGIN

112 281

MART VACCINE

1985.50

KILLED VIRUS, BOVINE ORIGIN

52 112 112A 124
186 189 213 243A

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
2035.00	<u>AEROMONAS SALMONICIDA BACTERIN</u>	277
2036.00	<u>AEROMONAS SALMONICIDA-ENTERIC REDMOUTH BACTERIN</u>	277
2037.00	<u>AEROMONAS SALMONICIDA-VIBRIO ANGUILLARUM BACTERIN</u>	277
2051.00	<u>AUTOGENOUS BACTERIN</u>	112 188 195 196 225 226A 240 245 285
2100.00	<u>BORDETELLA BRONCHISEPTICA BACTERIN</u>	165A 189 195 225 264
2100.01		272
2101.00	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOIDIMRIX PHUSIODIPHTHIAE-PASTEURRELLA MULLIOCYDA BACTERIN</u>	195
2104.00	<u>BORDETELLA BRONCHISEPTICA-LEPTOSPIRA CANICOLA-INTERONAEMORRHAGIAE BACTERIN</u>	189
2108.00	<u>BORDETELLA BRONCHISEPTICA-PASTEURRELLA MULLIOCYDA BACTERIN</u>	165A 195 225 272 281

BACTERINS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN

2401.00

52 112A 124 188
213 225 272

2401.01

124 188

CLOSTRIDIUM CHAUVOEI-SEPTICUM-LEPTOSPIRA
PUMONA BACTERIN

2408.00

124

CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURRELLA
HAEMOLYTICA-MULTILOCIDA BACTERIN

2460.00

52 112A 124 188
213 225 272

2460.01

188

CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURRELLA
MULTILOCIDA BACTERIN

2461.00

188

CLOSTRIDIUM HAEMOLYTICUM BACTERIN

2465.00

52 107 112A 124
225

2465.01

107 213

CORYNEBACTERIUM PYOGENES-PASTEURRELLA
HAEMOLYTICA-MULTILOCIDA BACTERIN

2633.00

52 112 225

CORYNEBACTERIUM PYOGENES-PASTEURRELLA
MULTILOCIDA-SALMONELLA-CHOLERAESUIS
BACTERIN

2635.00

225

BACTERINS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~ENTERIC REDMOUTH BACTERIN~~

2638.00

264 277 285

~~ERYSIPLOTHRIX RHUSIOPATHIAE BACTERIN~~

2641.00

52	107	112A	124
165A	168	189	195
195A	196	213	225
243A	264	272	

2641.01

188

~~ERYSIPLOTHRIX RHUSIOPATHIAE-LEPTOSPIRA~~
~~CANICULA-GRIPPOTYPHOSA-HARDJO-~~
~~ICTERHAEMORRHAGIAE-POMONA BACTERIN~~

2642.00

189

~~ERYSIPLOTHRIX RHUSIOPATHIAE-PASTEURILLA~~
~~MULTICIDA BACTERIN~~

2645.01

PORCINE ISOLATES

264

2645.03

AVIAN ISOLATES, TYPES 1, 3 & 4

196

~~ESCHERICHIA COLI BACTERIN~~

2648.00

287

2648.01

213

2648.40

112 112A

2648.42

264

~~ESCHERICHIA COLI-PASTEURILLA HAEMOLYTICA-~~
~~MULTICIDA-SALMONELLA TYPHICURIUS BACTERIN~~

2651.00

112 225

~~ESCHERICHIA COLI-PASTEURILLA MULTICIDA-~~
~~SALMONELLA CHOLERAESUIS BACTERIN~~

2650.00

112 225

***	BACTERINS	***
CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
2658.00	<u>HAEMOPHILUS GALLINARUM BACTERIN</u>	195
2657.00	<u>HAEMOPHILUS PLEUPNEUMONIA BACTERIN</u>	225
2659.00	<u>HAEMOPHILUS SOMNUS BACTERIN</u>	124 225
2660.00	<u>HAEMOPHILUS SOMNUS-PASTEURILLA</u> <u>HAEMOLYTICA-MULTICIDA BACTERIN</u>	124 225
2661.00	<u>LEPTOSPIRA CANICOLA BACTERIN</u>	188
2665.00	<u>LEPTOSPIRA CANICOLA-GRIPPOIYPHOSA-HARDJO-</u> <u>ICTERORHAEMORRHAGIAE-POMONA BACTERIN</u>	52 107 112 124 188 189 225 264 272
2665.01		188 189 272
2665.02		189
2668.00	<u>LEPTOSPIRA CANICOLA-GRIPPOIYPHOSA-</u> <u>ICTERORHAEMORRHAGIAE-POMONA BACTERIN</u>	195A
2671.00	<u>LEPIDSPIRA CANICOLA-ICTERORHAEMORRHAGIAE</u> <u>BACTERIN</u>	52 107 112 124 188A 188 189 195A 225 227 243A 264 272

***	BACTERINS	***
CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
2671.01		225 264 272
2673.00	LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE-POMONA BACTERIN	213 272
2675.00	LEPTOSPIRA GRIPPOIYPHOSA BACTERIN	188
2681.00	LEPTOSPIRA GRIPPOIYPHOSA-HARDJO-POMONA BACTERIN	107 112 124 188 189 225 264 272
2687.00	LEPTOSPIRA HARDJO BACTERIN	189
2688.00	LEPTOSPIRA HARDJO-POMONA BACTERIN	189
2691.00	LEPTOSPIRA POMONA BACTERIN	3 52 107 112 112A 124 165A 188 189 195 195A 213 225 243A 264 272
2691.01		188
2695.00	LEPTOSPIRA POMONA-PASIEURELLA HAEMOLYTICA-MULTICIDA BACTERIN	124
2773.00	MYCOBACTERIUM PARATUBERCULOSIS BACTERIN	195A

BACTERINS

CODE PRODUCT AND FORMLICENSE NOS. OF PRODUCERSPASTEURRELLA ANATIPESITIFER BACTERIN

2698.00

268

PASTEURRELLA HAEMOLYTICA-MULTIQUIDA BACTERIN

2700.00

52	107	112	124
165A	188	213	225
243A	264	272	

PASTEURRELLA MULTIQUIDA BACTERIN

2701.01

PORCINE ISOLATES

264

2701.22

BOVINE & PORCINE ISOLATES

188

2701.52

BOVINE & PORCINE ISOLATES

188

2702.12

AVIAN ISOLATES, TYPES 1 & 3

240

2702.13

AVIAN ISOLATES, TYPES 1, 3 & 4

195 196 226A 240

RAM EPIDIDYMITIS BACTERIN

2771.00

188

SALMONELLA DUBLIN-TYPHIMURIUM BACTERIN

2821.00

52

STAPHYLOCOCCUS AUREUS BACTERIN

2852.00

124

STREPTOCOCCUS EQUI BACTERIN

2855.00

112

VIBRIO ANGUILLARUM BACTERIN

2858.01

BIVALENT CONCENTRATE

285

2858.02

264 264A 277

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	VIBRIO FETUS BACTERIN	
2861.00	OVINE ISOLATES	188
2862.00	BOVINE ISOLATES	52 112A 124 165A 225
2862.10	BOVINE ISOLATES	112 188 189
	VIBRIO FETUS-LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTERUHAEMORRHAGIAE- POMONA BACTERIN	
2863.00		124 189 225
2863.10		112
	VIBRIO FETUS-LEPTOSPIRA GRIPPOTYPHOSA- HARDJO-POMONA BACTERIN	
2869.00		124
2869.10		112
	VIBRIO FETUS-LEPTOSPIRA POMONA BACTERIN	
2865.00		52 112A 124 189 225

ANTISERUM

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	CANINE DISTEMPER-HEPATITIS-LEPTOSPIRA CANICULA ANTISERUM	
3343.00	CANINE ORIGIN, CONCENTRATE	195A
	CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI- PASTEURRELLA HAEMOLYTICA-MULTICIDA- SALMONELLA TYPHIMURIUM ANTISERUM	
3391.00	BOVINE ISOLATES & ORIGIN	188
	CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI- PASTEURRELLA MULTICIDA-SALMONELLA TYPHIMURIUM ANTISERUM	
3399.00	BOVINE ISOLATES & ORIGIN	124
3400.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	124
	CORYNEBACTERIUM PYOGENES-PASTEURRELLA HAEMOLYTICA-MULTICIDA ANTISERUM	
3414.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	213
3414.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN	188
	CORYNEBACTERIUM PYOGENES-PASTEURRELLA MULTICIDA ANTISERUM	
3501.00	BOVINE ISOLATES & ORIGIN	188
3501.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN	188
3504.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	188
3504.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN, CONCENTRATE	188
	DUCK VIRUS HEPATITIS YUKE ANTIBODY	
3508.00	CHICKEN EGG ORIGIN	268
	ERYSIPLOTHRIX RHUSIOPATHIAE ANTISERUM	
3511.00	EQUINE ORIGIN	124 188
3514.00	EQUINE ORIGIN, CONCENTRATE	124

ANTISERUM

CODEPRODUCT AND FORMLICENSE NOS. OF PRODUCERS

~~ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-~~
~~SALMONELLA TYPHIMURIUM ANTISERUM~~

3531.00

BOVINE ISOLATES & ORIGIN

188

*** VACCINES WITH BACTERINS/TOXOIDS

CODE

PRODUCE AND FORM

LICENSE NOS. OF PRODUCERS

~~BOVINE RHINOIRACHEITIS VACCINE-
HAEMOPHILUS SOMNUS-PASTEURELLA
HAEMOLYTICA-MULTICODA BACTERIN~~

4009.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 124
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS VACCINE-LEPTOSPIRA
CANICOLA-GRIPPOTYPHOSA-HARDJUS
ICTERHAEMORRHAGIAE-POMONA BACTERIN~~

4019.00 MODIFIED LIVE VIRUS, 188
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS VACCINE-LEPTOSPIRA
CANICOLA-ICTERHAEMORRHAGIAE-POMONA
BACTERIN~~

4029.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS VACCINE-LEPTOSPIRA
GRIPPOTYPHOSA-HARDJUS-POMONA BACTERIN~~

4059.00 MODIFIED LIVE VIRUS, 188
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

4059.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS VACCINE-LEPTOSPIRA
POMONA BACTERIN~~

4081.00 MODIFIED LIVE VIRUS, 3
TISSUE CULTURE ORIGIN

4089.00 MODIFIED LIVE VIRUS, 52 107 112 188
TISSUE CULTURE ORIGIN, 213 225 243A 264
COMBINATION PACKAGE

4089.01 MODIFIED LIVE VIRUS, 52
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

4089.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 124 189 272
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS VACCINE-LEPTOSPIRA
POMONA-PASTEURELLA-HAEMOLYTICA-MULTICODA
BACTERIN~~

*** VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4119.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	124
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS BACTERIN	
4135.00	KILLED VIRUS, TISSUE CULTURE ORIGIN	124
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS PASTEURILLA HAEMOLYTICA-MULTICIDA BACTERIN	
4169.30	MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	124
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA CANICOLA-GRIPPOLYPHOSA- HARDJO-INTERBAC MORRHAGIAE-POMONA BACTERIN	
4129.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	188
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA CANICOLA- INTERBAC MORRHAGIAE-POMONA BACTERIN	
4149.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	272
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA GRIPPOLYPHOSA-HARDJO- POMONA BACTERIN	
4179.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	188
4179.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	272
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA BACTERIN	
4209.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	112 188 213
4209.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	124 272

*** VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
4209.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	52
4209.31	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN & CELL LINE ORIGIN, COMBINATION PACKAGE	52
BOVINE RHINOIRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA-PASTEURRELLA HAEMOLYTICA-MULTICIDA BACTERIN		
4239.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	124
BOVINE RHINOIRACHEITIS-PARAINFLUENZA 3 VACCINE-PASTEURRELLA HAEMOLYTICA-MULTICIDA BACTERIN		
4265.00	KILLED VIRUS, TISSUE CULTURE ORIGIN	112 124
4265.20	KILLED VIRUS, CELL LINE ORIGIN	112
4269.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	213 243A 264
4269.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	272
BOVINE RHINOIRACHEITIS VACCINE- PASTEURRELLA HAEMOLYTICA-MULTICIDA BACTERIN		
4299.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	272
BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA VACCINE-HAEMOPHILUS SOMMUS-PASTEURRELLA HAEMOLYTICA-MULTICIDA BACTERIN		
4319.30	MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	124
BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA TANTICOLA-GRIPPOTYPHOSA- HARDJO-ICTEROHAE MORRHAGIAE-POMONA BACTERIN		
4339.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	188
4339.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	107

*** VACCINES WITH BACTERINS/TOXOIDS

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA~~
~~VACCINE-LEPTOSPIRA CANICOLA-~~
~~YETERBACEMORRHAGIAE-POMONA BACTERIN~~

4329.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA~~
~~VACCINE-LEPTOSPIRA GRIFFOLYPHOSA-HARDJO-~~
~~POMONA BACTERIN~~

4359.00 MODIFIED LIVE VIRUS, 188
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

4359.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA~~
~~VACCINE-LEPTOSPIRA-POMONA BACTERIN~~

4389.00 MODIFIED LIVE VIRUS, 112 188 213 243A
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE 264

4389.01 MODIFIED LIVE VIRUS, 243A
TISSUE CULTURE ORIGIN, CELL LINE ORIGIN,
COMBINATION PACKAGE

4389.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

4389.30 MODIFIED LIVE VIRUS, CELL LINE & 107 124 189
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA~~
~~VACCINE-LEPTOSPIRA-POMONA-PASTEURELLA~~
~~HAEMULYTICA-MULTILOCIDA BACTERIN~~

4419.30 MODIFIED LIVE VIRUS, CELL LINE & 124
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA-~~
~~PARATUBERCULOSA-3 VACCINE-BALMOPHILUS~~
~~SUMMUS BACTERIN~~

44H9.30 MODIFIED LIVE VIRUS, CELL LINE & 124
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

*** VACCINES WITH BACTERINS/TOXOIDS

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA-
PARATUBERCULOSIS-3 VACCINE-HAEMOPHILUS
SOMMERS-PASTEURILLA-HAEMOLYTICA-MULTICIDA
BACTERIN~~

4459.30 MODIFIED LIVE VIRUS, CELL LINE & 124
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA-
PARATUBERCULOSIS-3 VACCINE-LEPTOSPIRA
CANTICOLA-GRIPPOTYPHOSA-HARDJO-
ICTEROHAEMORRHAGIAE-PUMONA BACTERIN~~

4439.00 MODIFIED LIVE VIRUS, 188
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

4439.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

4439.30 MODIFIED LIVE VIRUS, CELL LINE & 124 189
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA-
PARATUBERCULOSIS-3 VACCINE-LEPTOSPIRA
CANTICOLA-ICTEROHAEMORRHAGIAE-PUMONA
BACTERIN~~

4449.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA-
PARATUBERCULOSIS-3 VACCINE-LEPTOSPIRA
GRIPPOTYPHOSA-HARDJO-PUMONA BACTERIN~~

4479.00 MODIFIED LIVE VIRUS, 188
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

4479.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

~~BOVINE RHINOIRACHEITIS-VIRUS DIARRHEA-
PARATUBERCULOSIS-3 VACCINE-LEPTOSPIRA-PUMONA
BACTERIN~~

4509.00 MODIFIED LIVE VIRUS, 188 213 264
TISSUE CULTURE ORIGIN,
COMBINATION PACKAGE

4509.20 MODIFIED LIVE VIRUS, CELL LINE ORIGIN, 272
COMBINATION PACKAGE

*** VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4509.30	MODIFIED LIVE VIRUS, CELL LINE & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	189
	BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-PASTEURELLA HAEMOLYTICA-MULTICIDA BACTERIN	
4535.20	KILLED VIRUS, CELL LINE ORIGIN	112
4539.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	213 243A 264
4539.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	272
	BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-PASTEURELLA HAEMOLYTICA-MULTICIDA BACTERIN	
4429.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	272
	BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA POMONA BACTERIN	
4599.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	188 189
4599.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	107
	CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE-LEPTOSPIRA BACTERIN	
4629.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	189
	CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA-LEPTOSPIRA BACTERIN	
4649.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	189
	CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN	
4659.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	189

*** VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
4659.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	195A			
	CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA-PARVOVIRUS VACCINE- LEPTOSPIRA BACTERIN				
4638.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	195A			
4639.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	189			
4639.30	MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	195A			
4639.40	MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	189			
	CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN				
4679.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	195A			
	CANINE DISTEMPER-HEPATITIS VACCINE- LEPTOSPIRA BACTERIN				
4681.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN	272			
4689.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	107 225	112 243A	165A	195A
4689.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	107 264	124 272	189	227
4689.21	MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	107			
4689.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	195A 225 227			
4689.40	MODIFIED LIVE VIRUS, CHICKEN EMBRYO & TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	188			
	CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA BACTERIN				
4789.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	264			

*** VACCINES WITH BACTERINS/TOXOIDS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA
VACCINE-LEPTOSPIRA BACTERIN

4809.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	165A 195A 243A
4809.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	107 124 189 264 272
4809.21	MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	107
4809.30	MODIFIED LIVE VIRUS, TISSUE CULTURE & CELL LINE ORIGIN, COMBINATION PACKAGE	195A 225

CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-
PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN

47P9.20	MODIFIED LIVE & KILLED VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	272
47P9.21	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	264

CANINE DISTEMPER VACCINE-LEPTOSPIRA
BACTERIN

4749.00	MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	195A
4749.20	MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	272

CANINE HEPATITIS VACCINE-LEPTOSPIRA
BACTERIN

4825.20	KILLED VIRUS, CELL LINE ORIGIN	107
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ENCEPHALOMYELITIS-INFLUENZA VACCINE-
IFIANUS TOXOID

4835.41	EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE & CHICKEN EMBRYO ORIGIN	52 112
4835.43	EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	52

ENCEPHALOMYELITIS VACCINE-IFIANUS TOXOID

4865.00	EASTERN, WESTERN, KILLED VIRUS, TISSUE CULTURE ORIGIN	52 112
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*** VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4865.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	107
4895.10	EQUINE INFLUENZA VACCINE-TETANUS TOXOID KILLED VIRUS, CHICKEN EMBRYO ORIGIN	112
4909.00	ERYSIPELUM THRIX RHUSIOPATHIAE VACCINE- LEPTOSPIRA CANICULA-GRIPPOTYPHUSA-HARDJO- INTERCHAEUMORRHAGIAE-PUMONA BACTERIN	189
4919.00	MINK DISTEMPER VACCINE-CLOSIRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	245
4929.00	MINK DISTEMPER-ENTERITIS VACCINE- CLOSIRIDIUM-BOTULINUM TYPE C BACTERIN-TOXOID MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	165 245
4955.00	MINK ENTERITIS VACCINE-CLOSIRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID KILLED VIRUS, TISSUE CULTURE ORIGIN	165 245
4989.00	PARAINFLUENZA 3 VACCINE-LEPTOSPIRA PUMONA BACTERIN MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	188
4960.00	PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN MODIFIED LIVE VIRUS, CELL LINE ORIGIN	264
4965.20	KILLED VIRUS, CELL LINE ORIGIN	189 195A 272

*** VACCINES WITH BACTERINS/TOXOIDS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

4975.20	PARVOVIRUS VACCINE-LEPTOSPIRA CANICOLA- GETPPOLIYPHUSA-HARDJO-ICTEROHAE-MORRHAGIAE- PUMONA-BACTERIN KILLED VIRUS, CELL LINE ORIGIN	225
4999.20	PSEUDORABIES VACCINE-LEPTOSPIRA CANICOLA- GETPPOLIYPHUSA-HARDJO-ICTEROHAE-MORRHAGIAE- PUMONA-BACTERIN MODIFIED LIVE VIRUS, CELL LINE ORIGIN, COMBINATION PACKAGE	189
49M9.00	TRANSMISSIBLE GASTROENTERITIS VACCINE- CLUSTRIUM PERFRINGENS TYPE C BACTERIN-TOXOID MODIFIED LIVE VIRUS, TISSUE CULTURE ORIGIN, COMBINATION PACKAGE	213

***	DIAGNOSTICS	***
CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ALEUTIAN DISEASE COUNTERELECTROPHORESIS</u> <u>ANTIGEN</u>	
5005.00	MINK ORIGIN	245
	<u>BOVINE LEUKEMIA GLYCOPROTEIN</u> <u>IMMUNODIFFUSION ANTIGEN &</u> <u>REAGENT AND REFERENCE SERUMS</u>	
5505.20	CELL LINE ORIGIN, BOVINE ORIGIN	264
	<u>BRUCELLA ABORTUS ANTIGEN</u>	
5011.00	STAINED ANTIGEN	107
	<u>CANINE BRUCELLOSIS AGGLUTINATION ANTIGEN &</u> <u>REAGENT SERUM</u>	
5021.00	CANINE ORIGIN	264
	<u>EQUINE INFECTIOUS ANEMIA IMMUNODIFFUSION</u> <u>ANTIGEN & REAGENT SERUM</u>	
5515.20	CELL LINE ORIGIN, EQUINE ORIGIN	264
	<u>FELINE LEUKEMIA VIRUS TEST KIT</u>	
5028.00		264
	<u>LEPTOSPIRA CANICOLA ANTIGEN</u>	
5051.00		112
	<u>LEPTOSPIRA GRIPPITYPHOSA ANTIGEN</u>	
5053.00		112
	<u>LEPTOSPIRA HARDJO ANTIGEN</u>	
5055.00		112

***	DIAGNOSTICS	***
<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
5057.00	<u>LEPTOSPIRA ICTEROHAEMORRHAGIAE ANTIGEN</u>	112
5059.00	<u>LEPTOSPIRA POMONA ANTIGEN</u>	112
5065.00	<u>MURINE MYCOPLASMA PULMONIS ANTIBODY TEST KIT</u>	264
5071.00	<u>MYCOPLASMA GALLISEPTICUM ANTIGEN</u> S-6 SEROTYPE, PLATE	195
5072.00	<u>MYCOPLASMA MELEAGRIDIS ANTIGEN</u> H SEROTYPE, PLATE	195
5073.00	<u>MYCOPLASMA SYNOVIAE ANTIGEN</u> S-SEROTYPE, PLATE	195
5201.00	<u>PULLORUM ANTIGEN</u> MICROTEST	196
5206.00	STAINED ANTIGEN K POLYVALENT	195
5207.00	STAINED ANTIGEN POLYVALENT	196
5208.00	TUBE	196
5301.00	<u>TUBERCULIN</u> MAMMALIAN, HUMAN ISOLATES, INTRADERMIC	107
5302.00	PPD BOVIS, INTRADERMIC	107

ANTITOXINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
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ANTIIVENIN

6101.00	(CROTALIDAE) POLYVALENT, EQUINE ORIGIN	1128
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CLOSTRIDIUM PERFRINGENS TYPE C ANTIIOXIN

6211.00		188 243A
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CLOSTRIDIUM PERFRINGENS TYPES C&D ANTIIOXIN

6220.00	BOVINE ORIGIN	213
6221.00	EQUINE ORIGIN	124 188 243A

CLOSTRIDIUM PERFRINGENS TYPE D ANTIIOXIN

6201.00		188
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IEIANUS ANTIIOXIN

6302.00	EQUINE ORIGIN	52 107 112 165A 188 243A
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CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	*** BACTERIN-TOXOIDS ***	
7010.00	CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID	165 245
7030.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN-TOXOID	107
7070.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM- BACMOLYITICUM-NOVYI-SORDELLII BACTERIN-TOXOID	107
7090.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM- BACMOLYITICUM-NOVYI-SORDELLII-LEPTOSPIRA PUMONA-BACTERIN-TOXOID	107
7140.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM- BACMOLYITICUM-NOVYI-SORDELLII-PASTEURILLA BACMOLYITICA-MOLYICIDA-BACTERIN-TOXOID	107
7160.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM- BACMOLYITICUM-NOVYI-SORDELLII- PERFRINGENS TYPES C&D BACTERIN-TOXOID	107
7280.00	CLOSTRIDIUM CHAUVOEI-SEPTICUM- BACMOLYITICUM-NOVYI-TEJANI- PERFRINGENS TYPES C&D BACTERIN-TOXOID	107

BACTERIN-TOXOIDS

CODEPRODUCT AND FORMLICENSE NOS. OF PRODUCERSCLOSTRIDIUM CHAUVOEI-SEPTICUM-LEPTOSPIRA
PUMONA BACTERIN-TOXOID

7310.00

107

CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI
BACTERIN-TOXOID

7330.00

52 107 112A 124
188

7330.01

124

CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
LEPTOSPIRA PUMONA BACTERIN-TOXOID

7360.00

107 124

CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII BACTERIN-TOXOID

7390.00

52 107 112A 124
213 225 272CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII-LEPTOSPIRA-PUMONA
BACTERIN-TOXOID

7440.00

107

CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII-PERFRINGENS-TYPES C&D
BACTERIN-TOXOID

7410.00

52 107 112A 124
225CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII-PERFRINGENS-TYPES C&D-
HAEMOPHILUS SORDII BACTERIN-TOXOID

7423.00

124

BACTERIN-TOXOIDS

CODEPRODUCT AND FORMLICENSE NOS. OF PRODUCERS

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA~~
~~HAEMOLYTICA-MULIOLIDA BACTERIN-TOXOID~~

7470.00 107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII~~
~~BACTERIN-TOXOID~~

7500.00 107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-~~
~~PASTEURELLA HAEMOLYTICA-MULIOLIDA~~
~~BACTERIN-TOXOID~~

7530.00 107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-~~
~~PERFRINGENS TYPES C&D BACTERIN-TOXOID~~

7561.00 107

~~CLOSTRIDIUM HAEMOLYTICUM-NOVYI~~
~~BACTERIN-TOXOID~~

7590.00 107

~~CLOSTRIDIUM HAEMOLYTICUM-NOVYI-~~
~~PERFRINGENS TYPES C&D BACTERIN-TOXOID~~

7620.00 107

~~CLOSTRIDIUM NOVYI BACTERIN-TOXOID~~

7680.00 188

~~CLOSTRIDIUM NOVYI-SORDELLII~~
~~BACTERIN-TOXOID~~

7710.00 52

***	BACTERIN-TOXOIDS	***
CODE	PRODUCE AND FORM	LICENSE NOS. OF PRODUCERS
7750.00	CLOSTRIDIUM NOVYI-SORDELLII- PERFRINGENS TYPES C&D BACTERIN-TOXOID	107 124
7800.00	CLOSTRIDIUM PERFRINGENS TYPE C BACTERIN-TOXOID	213 225 272
7870.00	CLOSTRIDIUM PERFRINGENS TYPES C&D BACTERIN-TOXOID	52 112 112A 213 225 272
7840.00	CLOSTRIDIUM PERFRINGENS TYPE D BACTERIN-TOXOID	52 112A 213 225 272
7960.00	STAPHYLOCOCCUS AUREUS BACTERIN-TOXOID	107

TOXOIDS

CODE PRODUCT AND FORMLICENSE NOS. OF PRODUCERS

8101.00	<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>	52	107	124
8201.00	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D TOXOID</u>	107	124	
8301.00	<u>CLOSTRIDIUM PERFRINGENS TYPE D TOXOID</u>	52	107	112 124
8305.00	<u>CLOSTRIDIUM PERFRINGENS TYPE D-TETANUS TOXOID</u>	112		
8601.00	<u>TETANUS TOXOID</u>	52 225	107 287	112 188

CODE	PRODUCT AND FORM	LICENSE NOS.	OF PRODUCERS
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ALLERGENIC EXTRACT

9521.00	HOUSE DUST	259	270	283
9522.01	MIXED RAGWEED	259	283	
9522.02	MIXED TREES	259	270	283
9522.03	MIXED GRASSES	259	270	283
9522.04	MIXED WEEDS	259	270	283
9523.00	MIXED MOLDS	259	270	283
9524.00	MIXED INHALANTS	259	283	
9525.00	FLEA ANTIGEN	259	283	
9527.00	MIXED EPIDERMALS	259	270	283
9528.00	MIXED INSECTS	259		
9531.00	PRESCRIPTION PRODUCT	259	270	283
9532.00	INTRADERMAL TEST KIT	259	283	
9533.00	TREATMENT SETS	259		

FLEA ANTIGEN

9511.00	DESENSITIZING	52		
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MYCOBACTERIUM CELL WALL IMMUNOSTIMULATOR

9300.00		289		
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